RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.

Application Serial Number: 10/568,467
Source: IFW
Date Processed by STIC: 2/23/06

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IFWP

RAW SEQUENCE LISTING DATE: 02/23/2006
PATENT APPLICATION: **US/10/568,467** TIME: 07:59:15

Input Set : **A:\X16339_US.ST25.txt**
Output Set: **N:\CRF4\02232006\J568467.raw**

```
      3 <110> APPLICANT: Eli Lilly and Company
      4       Heiman, Mark L.
      5       Kikly, Kristine K
      6       Manetta, Joseph V
      7       Witcher, Derrick R
      9 <120> TITLE OF INVENTION: Anti-Ghrelin Antibodies
     11 <130> FILE REFERENCE: X-16339_US
C--> 13 <140> CURRENT APPLICATION NUMBER: US/10/568,467
C--> 13 <141> CURRENT FILING DATE: 2006-02-14
     13 <150> PRIOR APPLICATION NUMBER: PCT/US2004/025604
     14 <151> PRIOR FILING DATE: 2004-09-02
     16 <150> PRIOR APPLICATION NUMBER: 60/582111
     17 <151> PRIOR FILING DATE: 2004-06-23
     19 <160> NUMBER OF SEQ ID NOS: 37
     21 <170> SOFTWARE: PatentIn version 3.3
     23 <210> SEQ ID NO: 1
     24 <211> LENGTH: 339
     25 <212> TYPE: DNA
     26 <213> ORGANISM: Mus sp.
     29 <220> FEATURE:
     30 <221> NAME/KEY: misc_feature
     31 <222> LOCATION: (1)..(339)
     32 <223> OTHER INFORMATION: Polynucleotide sequence encoding 1181 light chain variable
region
     34 <400> SEQUENCE: 1
     35 gatgttgtga tgacccaaac tccactctcc ctgcctgtca gtcttggaga tcaagcctcc     60
     37 atctcttgca gatctagtca gagccttgta cacagtaatg gaaacaccta tttacattgg    120
     39 tacctgcaga agccaggcca gtctccaaag ctcctgatct acaaagtttc caaccgattt    180
     41 tctggggtcc cagacaggtt cagtggcagt ggatcaggga cagatttcac actcaagatc    240
     43 agcagagtgg aggctgagga tctgggagtt tatttctgct ctcaaagtac acatgttccg    300
     45 tacacgttcg gaggggggac caagctggaa ataaaacgg                          339
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     49 <211> LENGTH: 339
     50 <212> TYPE: DNA
     51 <213> ORGANISM: Mus sp.
     54 <220> FEATURE:
     55 <221> NAME/KEY: misc_feature
     56 <222> LOCATION: (1)..(339)
     57 <223> OTHER INFORMATION: Polynucleotide sequence encoding 1621 light chain variable
region
     59 <400> SEQUENCE: 2
     60 gatgttgtgc tgacccaaac tccactctcc ctgcctgtca gtcttggaga tcaagcctcc     60
     62 atctcttgca gatctagtca gagccttgta cacagtaatg gaagcaccta tttacattgg    120
     64 tacctgcaga agccaggcca gtctccaaag ctcctgatct acaaagtttc caaccgattt    180
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66 tctggggtcc cagacaggtt cagtggcagt ggatcaggga cagatttcac actcaagatc    240
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68 agcagagtgg aggctgagga tctgggagtt tatttctgct ctcaaagtac acatgttccg    300
70 tacacgttcg gaggggggac caagctggaa ataagacgg                          339
73 <210> SEQ ID NO: 3
74 <211> LENGTH: 113
75 <212> TYPE: PRT
76 <213> ORGANISM: Mus sp.
79 <220> FEATURE:
80 <221> NAME/KEY: MISC_FEATURE
81 <222> LOCATION: (1)..(113)
82 <223> OTHER INFORMATION: 1181 light chain variable region amino acid sequence
84 <400> SEQUENCE: 3
86 Asp Val Val Met Thr Gln Thr Pro Leu Ser Leu Pro Val Ser Leu Gly
87 1               5                  10                  15
90 Asp Gln Ala Ser Ile Ser Cys Arg Ser Ser Gln Ser Leu Val His Ser
91             20                  25                  30
94 Asn Gly Asn Thr Tyr Leu His Trp Tyr Leu Gln Lys Pro Gly Gln Ser
95         35                  40                  45
98 Pro Lys Leu Leu Ile Tyr Lys Val Ser Asn Arg Phe Ser Gly Val Pro
99     50                  55                  60
102 Asp Arg Phe Ser Gly Ser Gly Ser Gly Thr Asp Phe Thr Leu Lys Ile
103 65                  70                  75                  80
106 Ser Arg Val Glu Ala Glu Asp Leu Gly Val Tyr Phe Cys Ser Gln Ser
107                 85                  90                  95
110 Thr His Val Pro Tyr Thr Phe Gly Gly Gly Thr Lys Leu Glu Ile Lys
111             100                 105                 110
114 Arg
118 <210> SEQ ID NO: 4
119 <211> LENGTH: 113
120 <212> TYPE: PRT
121 <213> ORGANISM: Mus sp.
124 <220> FEATURE:
125 <221> NAME/KEY: MISC_FEATURE
126 <222> LOCATION: (1)..(113)
127 <223> OTHER INFORMATION: 1621 light chain variable region amino acid sequence
129 <400> SEQUENCE: 4
131 Asp Val Val Leu Thr Gln Thr Pro Leu Ser Leu Pro Val Ser Leu Gly
132 1               5                  10                  15
135 Asp Gln Ala Ser Ile Ser Cys Arg Ser Ser Gln Ser Leu Val His Ser
136             20                  25                  30
139 Asn Gly Ser Thr Tyr Leu His Trp Tyr Leu Gln Lys Pro Gly Gln Ser
140         35                  40                  45
143 Pro Lys Leu Leu Ile Tyr Lys Val Ser Asn Arg Phe Ser Gly Val Pro
144     50                  55                  60
147 Asp Arg Phe Ser Gly Ser Gly Ser Gly Thr Asp Phe Thr Leu Lys Ile
148 65                  70                  75                  80
151 Ser Arg Val Glu Ala Glu Asp Leu Gly Val Tyr Phe Cys Ser Gln Ser
152                 85                  90                  95
155 Thr His Val Pro Tyr Thr Phe Gly Gly Gly Thr Lys Leu Glu Ile Lys
156             100                 105                 110
```

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Input Set : **A:\X16339_US.ST25.txt**
Output Set: **N:\CRF4\02232006\J568467.raw**

159 Arg
163 <210> SEQ ID NO: 5
164 <211> LENGTH: 16
165 <212> TYPE: PRT
166 <213> ORGANISM: Mus sp.
169 <220> FEATURE:
170 <221> NAME/KEY: MISC_FEATURE
171 <222> LOCATION: (1)..(16)
172 <223> OTHER INFORMATION: 1181 light chain CDR1 amino acid sequence
174 <400> SEQUENCE: 5
176 Arg Ser Ser Gln Ser Leu Val His Ser Asn Gly Asn Thr Tyr Leu His
177 1 5 10 15
180 <210> SEQ ID NO: 6
181 <211> LENGTH: 16
182 <212> TYPE: PRT
183 <213> ORGANISM: Mus sp.
186 <220> FEATURE:
187 <221> NAME/KEY: MISC_FEATURE
188 <222> LOCATION: (1)..(16)
189 <223> OTHER INFORMATION: 1621 light chain CDR1 amino acid sequence
191 <400> SEQUENCE: 6
193 Arg Ser Ser Gln Ser Leu Val His Ser Asn Gly Ser Thr Tyr Leu His
194 1 5 10 15
197 <210> SEQ ID NO: 7
198 <211> LENGTH: 16
199 <212> TYPE: PRT
200 <213> ORGANISM: Mus sp.
203 <220> FEATURE:
204 <221> NAME/KEY: MISC_FEATURE
205 <222> LOCATION: (1)..(16)
206 <223> OTHER INFORMATION: Light chain (generic for 1181 and 1621) CDR1 amino acid sequence
208 <220> FEATURE:
209 <221> NAME/KEY: MISC_FEATURE
210 <222> LOCATION: (12)..(12)
211 <223> OTHER INFORMATION: Xaa is selected from the group consisting of Gly (G), Ala (A),
212 Ser (S), Thr (T), Cys (C), Asn (N) and Gln (Q)
214 <400> SEQUENCE: 7
W--> 216 Arg Ser Ser Gln Ser Leu Val His Ser Asn Gly Xaa Thr Tyr Leu His
217 1 5 10 15
220 <210> SEQ ID NO: 8
221 <211> LENGTH: 7
222 <212> TYPE: PRT
223 <213> ORGANISM: Mus sp.
226 <220> FEATURE:
227 <221> NAME/KEY: MISC_FEATURE
228 <222> LOCATION: (1)..(7)
229 <223> OTHER INFORMATION: 1181 and 1621 light chain CDR2 amino acid sequence
231 <400> SEQUENCE: 8
233 Lys Val Ser Asn Arg Phe Ser

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Input Set : A:\X16339_US.ST25.txt
Output Set: N:\CRF4\02232006\J568467.raw

234 1 5
237 <210> SEQ ID NO: 9
238 <211> LENGTH: 9
239 <212> TYPE: PRT
240 <213> ORGANISM: Mus sp.
243 <220> FEATURE:
244 <221> NAME/KEY: MISC_FEATURE
245 <222> LOCATION: (1)..(9)
246 <223> OTHER INFORMATION: 1181 and 1621 light chain CDR3 amino acid sequence
248 <400> SEQUENCE: 9
250 Ser Gln Ser Thr His Val Pro Tyr Thr
251 1 5
254 <210> SEQ ID NO: 10
255 <211> LENGTH: 357
256 <212> TYPE: DNA
257 <213> ORGANISM: Mus sp.
260 <220> FEATURE:
261 <221> NAME/KEY: misc_feature
262 <222> LOCATION: (1)..(357)
263 <223> OTHER INFORMATION: Polynucleotide sequence encoding 1181 heavy chain variable region
265 <400> SEQUENCE: 10
266 caggtccagc tgcagcagtc tggggcagag cttgtgaggt caggggcctc agtcaagttg 60
268 tcctgcacag cttctggctt caacattaaa gactacttta tgcagtgggt gaagcagagg 120
270 cctgaacagg gcctggagtg gattggatgg attgatcctg agaatggtga aactggatat 180
272 gccccgaagt tccagggcaa ggccactatg actgcagaca cagcctccaa tacagcctac 240
274 ctgcaactca gcagcctgac atctgaggac actgccctgt attactgtaa tgcaccttcg 300
276 gtcgtggcta aatacttcga tgtctggggc gcagggacca cggtcaccgt ctcctca 357
279 <210> SEQ ID NO: 11
280 <211> LENGTH: 357
281 <212> TYPE: DNA
282 <213> ORGANISM: Mus sp.
285 <220> FEATURE:
286 <221> NAME/KEY: misc_feature
287 <222> LOCATION: (1)..(357)
288 <223> OTHER INFORMATION: Polynucleotide sequence encoding 1621 heavy chain variable region
290 <400> SEQUENCE: 11
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293 tcctgcacag cttctggctt caacattaaa gactactttg tgcagtgggt gaagcagagg 120
295 cctgaacagg gcctggagtg gattggatgg attgatcctg agaatggtga aactggatat 180
297 gccccgaagt tccagggcaa ggccactatg actgcagaca cagcctccaa tacagcctac 240
299 ctgcaactca gcagcctgac atctgaggac actgccctgt atttctgtaa tgcaccttcg 300
301 gtagtggcta aatacttcga tgtctggggc gcagggacca cggtcaccgt ctcctca 357
304 <210> SEQ ID NO: 12
305 <211> LENGTH: 119
306 <212> TYPE: PRT
307 <213> ORGANISM: Mus sp.
310 <220> FEATURE:
311 <221> NAME/KEY: MISC_FEATURE
312 <222> LOCATION: (1)..(119)

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Input Set : A:\X16339_US.ST25.txt
Output Set: N:\CRF4\02232006\J568467.raw

313 <223> OTHER INFORMATION: 1181 heavy chain amino acid sequence
315 <400> SEQUENCE: 12
317 Gln Val Gln Leu Gln Gln Ser Gly Ala Glu Leu Val Arg Ser Gly Ala
318 1 5 10 15
321 Ser Val Lys Leu Ser Cys Thr Ala Ser Gly Phe Asn Ile Lys Asp Tyr
322 20 25 30
325 Phe Met Gln Trp Val Lys Gln Arg Pro Glu Gln Gly Leu Glu Trp Ile
326 35 40 45
329 Gly Trp Ile Asp Pro Glu Asn Gly Glu Thr Gly Tyr Ala Pro Lys Phe
330 50 55 60
333 Gln Gly Lys Ala Thr Met Thr Ala Asp Thr Ala Ser Asn Thr Ala Tyr
334 65 70 75 80
337 Leu Gln Leu Ser Ser Leu Thr Ser Glu Asp Thr Ala Leu Tyr Tyr Cys
338 85 90 95
341 Asn Ala Pro Ser Val Val Ala Lys Tyr Phe Asp Val Trp Gly Ala Gly
342 100 105 110
345 Thr Thr Val Thr Val Ser Ser
346 115
349 <210> SEQ ID NO: 13
350 <211> LENGTH: 118
351 <212> TYPE: PRT
352 <213> ORGANISM: Mus sp.
355 <220> FEATURE:
356 <221> NAME/KEY: MISC_FEATURE
357 <222> LOCATION: (1)..(118)
358 <223> OTHER INFORMATION: 1621 heavy chain amino acid sequence
360 <400> SEQUENCE: 13
362 Gln Val Gln Leu Gln Gln Ser Gly Ala Glu Leu Val Arg Ser Gly Ala
363 1 5 10 15
366 Ser Val Lys Leu Ser Cys Thr Ala Ser Gly Phe Asn Ile Lys Asp Tyr
367 20 25 30
370 Phe Val Gln Trp Val Lys Gln Arg Pro Glu Gln Gly Leu Glu Trp Gly
371 35 40 45
374 Trp Ile Asp Pro Glu Asn Gly Glu Thr Gly Tyr Ala Pro Lys Phe Gln
375 50 55 60
378 Gly Lys Ala Thr Met Thr Ala Asp Thr Ala Ser Asn Thr Ala Tyr Leu
379 65 70 75 80
382 Gln Leu Ser Ser Leu Thr Ser Glu Asp Thr Ala Leu Tyr Phe Cys Asn
383 85 90 95
386 Ala Pro Ser Val Val Ala Lys Tyr Phe Asp Val Trp Gly Ala Gly Thr
387 100 105 110
390 Thr Val Thr Val Ser Ser
391 115
394 <210> SEQ ID NO: 14
395 <211> LENGTH: 10
396 <212> TYPE: PRT
397 <213> ORGANISM: Mus sp.
400 <220> FEATURE:
401 <221> NAME/KEY: MISC_FEATURE

RAW SEQUENCE LISTING ERROR SUMMARY DATE: 02/23/2006
PATENT APPLICATION: **US/10/568,467** TIME: 07:59:16

Input Set : **A:\X16339_US.ST25.txt**
Output Set: **N:\CRF4\02232006\J568467.raw**

Please Note:
Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:7; Xaa Pos. 12
Seq#:16; Xaa Pos. 9
Seq#:19; Xaa Pos. 28
Seq#:28; Xaa Pos. 10,12,16
Seq#:29; Xaa Pos. 5,7

VERIFICATION SUMMARY DATE: 02/23/2006
PATENT APPLICATION: **US/10/568,467** TIME: 07:59:16

Input Set : **A:\X16339_US.ST25.txt**
Output Set: **N:\CRF4\02232006\J568467.raw**

L:13 M:270 C: Current Application Number differs, Replaced Current Application No
L:13 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:216 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:7 after pos.:0
L:447 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:16 after pos.:0
L:511 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:19 after pos.:16
L:689 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:28 after pos.:0
L:719 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:29 after pos.:0